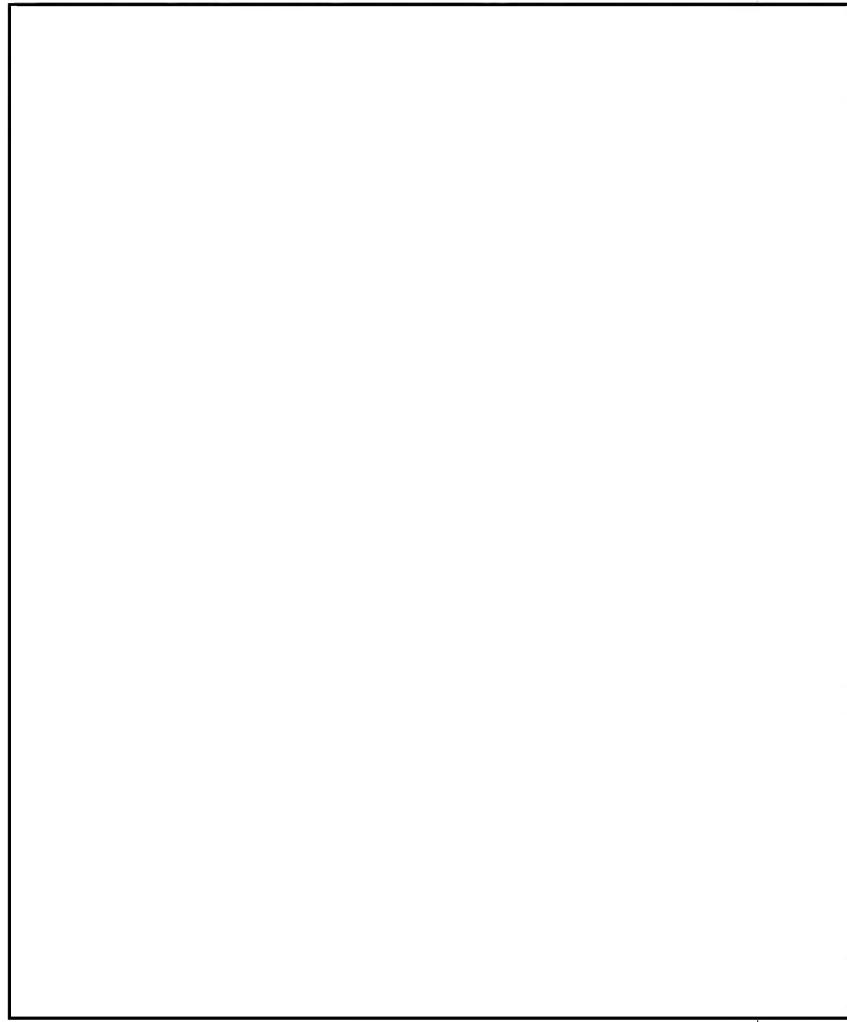


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11 SEP 1980

MEMORANDUM FOR: Director, Office of Communications

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FROM: [REDACTED]

Chief, Information Management Staff, DDO

SUBJECT: CRAFT Communication Support [REDACTED]

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REFERENCE: CRAFT Project Proposal, dated 5 May 1980

1. The DCI has included \$2.4 million in the Agency's FY-82 budget to support the initial implementation of CRAFT overseas. This money will be used primarily to procure ADP and communications equipment necessary to install CRAFT at one large and up to 8 small field stations beginning in the latter half of FY-82 and continuing into FY-83. It is possible that this time schedule, at least for the small stations, could be accelerated if funds become available in FY-81 that would permit the earlier procurement of hardware. Although the equipment money was placed in the '82 budget, there were no CRAFT personnel billets included. [REDACTED]

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2. CRAFT implementation will, of course, require major support from your office in the installation, training and maintenance areas. In addition, your planning and engineering support will be required in designing and developing an interface between CRAFT and the [REDACTED] intrabase (terminal-to-terminal and terminal-to-minicomputer) communications; and field terminal access to Headquarters. These latter requirements are discussed further in the following paragraphs.

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3. Referenced proposal described the planned CRAFT configurations both at the large and small stations as essentially standalone, i.e., all field information and data processing capability will be organic to the station and no direct connectivity will be provided to Headquarters information systems during the initial implementation. An interface will be required, however, between CRAFT and [REDACTED] at each location to facilitate the handling of incoming and outgoing message traffic in digital form, thus eliminating the need for paper copies of electrical traffic. We see this interface taking several forms depending upon the CRAFT configuration (large or small station), the [REDACTED] terminal equipment, and possibly even the physical layout of the overseas station. This interface capability will be required at the time of the first installation of CRAFT overseas.

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4. Similarly, a need will exist to provide communication between CRAFT terminals at the small station and between the terminals and the minicomputer at the large facilities. Since many of our offices overseas are not in contiguous space, provisions will have to be provided to ensure the security of these transmission paths. Again, this intrabase communications capability will be required with the first CRAFT installation overseas. 25X1

5. Although the current plans call for CRAFT to be a standalone system, referenced proposal did identify, as a future enhancement to CRAFT, a communications capability that will allow field terminal users access to compartmented Headquarters maintained information files as well as a near-real-time conversational capability between field and Headquarters terminals. Although the traffic load that this capability will generate is yet to be established, it would appear that at least a 9600 bps, full duplex, full time, data quality channel will be required for each large station, of which there are approximately and 2400 or 4800 bps at the small to medium size field stations. Planning in your office for this capability should include the Headquarters termination and data distribution mechanisms. We would like to have this CRAFT field/Headquarters linkage as soon as possible .

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6. Mr. , OC's CRAFT representative, will serve as our technical point of contact on the matters discussed above. He will be in contact with you and members of your staff on these subjects.

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